
JOINT MESSAGEFORM - CONTINUATION SHEET		SECURITY CLASSIFICATION	
FROM:			
ACTION: PRIORITY			
FROM:	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	TO:	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
INFO: PRIORITY	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>	1 SIG CEN 1 CDR 1 DCM 1 INS 1 DCO	
SUBJ:	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
A. MISSION NBR 6733 B. FINAL EVALUATION OF INS DATA C. INS 010 D. DATA STARTS LINE 12, TIME 0200G. E. DATA ENDS LINE 1103, TIME 1658G.			
END OF MESSAGE			
<div style="border: 1px solid black; height: 20px; width: 100%;"></div> SUPERVISOR			29 OCT, 1967
SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION
	1	1	
			INITIALS

DD FORM 173-1
MAY 55

Page Denied

Next 2 Page(s) In Document Denied

250111

1-EO
2-DCM

REF	6835
-----	------

25X1

1991

TOP SECRET

TYPE 1 CAMERA EXPOSURE NUMBERS

INPUT DATA					* OUTPUT DATA				
TIME (MIN)	ALTITUDE (FEET)	TERR ELEV	D VALUE	GRD SPD	SUN ANG	HAZE FCTR	REFL FCTR	V/H	EXP NOS
00	78200	0100		1793	58	1	I	3.873	08
25X13	78500	0050		1796	56	1	I	3.863	08
06	78800	0000		1801	55	1	I	3.857	08
09	79100	0100		1803	54	1	I	3.852	08
12	79500	2100		1808	54	1	I	3.941	08
15	79900	1610		1797	53	1	I	3.873	08
18	80300	2000		1795	52	1	I	3.868	08
21	79000	0200		1770	55	1	I	3.791	08
24	79300	0080		1770	55	1	I	3.770	08
27	79600	0840		1736	55	1	I	3.720	08
30	80000	0000		1736	55	1	I	3.662	08
33	80400	0000		1736	55	1	I	3.644	08
36	79900	0000		1791	56	1	I	3.782	08
39	78400	0000		1791	56	1	I	3.855	08
									THIS IS A BX6733 MESSAGE
									PRIMARY AIRCRAFT
									TYPE I PACKAGE
									TRUE ALTITUDES ARE USED
									CUSTOM ROUTE
									STBY 2 1651N 11406E
									CAM ON 1506N 10747E
									STBY 2 2014N 10138E
									CAM ON 2118N 10209E
									STBY 2 1712N 10820E
									TOTAL CAM TIME 41 MINS

EOF

25X1-

TOP SECRET

TYPE 1 CAMERA EXPOSURE NUMBERS

INPUT DATA					* OUTPUT DATA				
TIME (MIN)	ALTITUDE (FEET)	TERR ELEV	D VALUE	GRD SPD	SUN ANG	HAZE FCTR	REFL FCTR	V/H	EXP NOS
00	76200	0100		1793	58	1	I	3.873	08
25X1 03	78500	0050		1796	57	1	I	3.863	08
06	78800	0000		1801	56	1	I	3.857	08
09	79100	0100		1803	56	1	I	3.852	08
12	79500	2100		1808	56	1	I	3.941	08
15	79900	1610		1797	56	1	I	3.873	08
18	80300	2000		1795	56	1	I	3.868	08
21	79000	0200		1770	53	1	I	3.791	08
24	79300	0080		1770	52	1	I	3.770	08
27	79600	0840		1736	51	1	I	3.720	08
30	80000	0000		1736	50	1	I	3.662	08
33	80400	0000		1736	50	1	I	3.644	08
36	79900	0000		1791	50	1	I	3.782	08
39	78400	0000		1791	50	1	I	3.855	08

THIS IS A BX6733 MESSAGE

BACKUP AIRCRAFT

TYPE I PACKAGE

TRUE ALTITUDES ARE USED

CUSTOM ROUTE

STBY 2 1651N 11406E

CAM ON 1506N 10747E

STBY 2 2014N 10138E

CAM ON 2119N 10209E


STBY 2 1712N 10820E

TOTAL CAM TIME 41 MINS

EOF

25X1

25X1

[illegible]

25X1

--

25X1

25744

25X1

2219

25X1

25X1

14

72

D. 1. INS TAPE AND

3. INS TAPE AND FILM AGREE

5. SATISFACTORY.

6. SATISFACTORY.

7. SATISFACTORY.

8. SATISFACTORY.

9. SATISFACTORY.

10. FILM CLOCK WAS RECORDING 2 SECONDS HIGH THROUGH MISSION.

E. SATISFACTORY CORRELATION HAS BEEN ACHIEVED ON THIS MISSION.

TOP SECRET

BT

NNNNZCZC460

25X1 FTP213/312130Z ZFF4 ZPO [REDACTED]

BT

XXXXX

25X1 OPCEN 432 [REDACTED] 049

OPCEN PASS [REDACTED]

25X1 TOP SECRET 312128Z CITE [REDACTED] 2127

25X1 IMMEDIATE [REDACTED]

25X1 [REDACTED]

A. BX 6733

B. INS TAPE EVALUATION REPORT

C. INS 010

D. 29/1347Z

E. 1. SATISFACTORY

2. SATISFACTORY

3. SATISFACTORY

4. SATISFACTORY

5. SATISFACTORY

6. SATISFACTORY

7. SATISFACTORY

8. SATISFACTORY

9. SATISFACTORY

10. SATISFACTORY

F. TAPE APPEARS GOOD. TAPE EVALUATION PERTAINS TO CAMERA
OPERATION ONLY.

TOP SECRET

BT

31 OCT 67 21 37Z

DCM

25X1

HC
H u. a

29/1906Z

25X1 OGCEN 001 [REDACTED] 024

25X1 OGCEN PASS [REDACTED]

21005

25X1 T O P S E C R E T 301815Z CITE [REDACTED] 1073

25X1 IMMEDIATE [REDACTED]

OXCART

25X1

- A. BY 6733
- B. FLASH REPORT AFTER PROCESSING
- C. TYPE 1
- D. C
- E. THE FILM ARRIVED IN GOOD PHYSICAL CONDITION WITH NORMAL EXPOSURE WITH EXCEPTION OF INITIAL 20 PER CENT OF MISSION IN FORWARD FRAMES. THESE FRAMES WERE THE EQUIVALENT OF 1 F/STOP UNDEREXPOSED COORDINATES OF UNDER EXPOSURE WILL BE DETERMINED AND SUBMITTED IN 122 REPORT. TIMING MARKS APPEARED AS TEAR DROPS ON BOTH EDGES THROUGHOUT ENTIRE MISSION. APPROXIMATELY 1/2 OF THE FORWARD CLOCKS WERE INTO IMAGE AREA ON EVERY OTHER FORWARD FRAME THROUGHOUT ENTIRE MISSION. A MINUS DENSITY LINE, 2 1/2 INCHES IN ON TRAILING EDGE, WERE NOTED ON FIRST 20 PER CENT OF AFT FRAMES. TIMING MARKS RUN OFF OF EDGE ON LEADING EDGE IN AFT FRAMES INTERMITTENTLY THROUGHOUT ENTIRE MISSION. CAMERA RECYCLED APPROXIMATELY 46 PERCENT INTO THE MISSION. START-UP AND SHUTDOWN WERE NORMAL WITH INITIAL TEN FRAMES AND LAST TEN FRAMES OVERLAPED. MEDIUM CONTRAST, GOOD, RESOLUTION AND OPERATIONAL DATA RECORDING WERE NOTED. CLOCK MISSING IN FRAME 66 OF MISSION IMAGERY IN PART 1.

T O P S E C R E T

BT

Dcm

25X1

Submit to addressees specified for report

25X1

A. BX 6733
(Operations Mission Number)

B. TYPE I CAMERA CONFIGURATION REPORT.

C. I / C / 29 OCT / 127
(Config./SN/Date Flown/Acft No./Pilot Pseudo. Example: I/A/NOV 28/127 MALTRIVERS).

D. 570 1 570
(Total frames scheduled-fwd camera & aft camera).

E. 570 1 570
(Total frames completed-fwd camera & aft camera).

F. 3404 1 1247 1 275-4-2-7
(Film type/box no./emulsion no. Example: 3401/1234/245-13-3-6).

G. 5.6/YELLOW, WRATTEN 12.

H. SUN ANGLES.

BEGINNING

END

58 ° 1 52 °
55 ° 1 56 °
_____ ° _____ °

I. CAMERA ON CAMERA OFF (Date/Time ZULU. Example: 282110Z/282130Z).

0333 Z/ 0353 Z.
0448 Z/ 0509 Z.
_____ Z/ _____ Z.

J. ELAPSED TIME (MINUTES)/EXPOSURE VALUE/V/H IN MR/SECONDS. EXAMPLE: 4/200/.039.

0-41 1 1901 039 CLOUD

_____/_____/_____
_____/_____/_____
_____/_____/_____
_____/_____/_____

- 2 -

25X1

CONT'D

K. N/A.

L. WEATHER. (General comment on weather during photo portions of mission).

As Reported 95% of Mission in Cloud Position

M. TAKE DISPOSITION (Location, shipment, or action on material - date/time ZULU.
Example: EK 290135Z or Area Security 290135Z).

25X1

BS Security 290730 Z For shipment to

N. COMMENTS. (Include general remarks regarding configuration operation, malfunctions or mission problems).

Successful mission

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

23 OCT 67 03 28z

TYPE MSG

BOOK

MULTI

SINGLE

PRECEDENCE

ACTION

IMMEDIATE

INFO

DTG

FROM

TO:

SPECIAL INSTRUCTIONS

1 SIG CEN
 1 CMDR
 1 DCM
 1 INS
 1 DCO

A. BX 6733

B. INS TAPE REPORT

C. INS 010

D. DATA LINK

E. SEE H

F. SEE H

G. 671029 014152

H. DATA GOOD WILL RETAIN TAPES UNLESS OTHERWISE NOTIFIED.

END OF MESSAGE.

DATE

TIME

MONTH

YEAR

PAGE NO.

NO. OF
PAGES

PHONE

SECURITY CLASSIFICATION

INS SUPERVISOR

FORM 172

☆ GPO 1965-761-933

JOINT MESSAGEFORM - CONTINUATION SHEET

FROM:

8500

IMMEDIATE

IMMEDIATE

TO:

1 SIG CEN
1 COMDR
1 DCB
1 P.E.
1 DCO

A. BX 6733

B. TYPE I CAMERA CONFIGURATION REPORT

C. I/C/29 OCT/12

D. 570/570

E. 570/570

F. 3404/1247/275-4-2-7

G. 5.6/YELLOW, WRATTEN 12

H. 58/52

55/56

I. 0333Z/0353Z

0448Z/0509Z

J. 0-41/190/039 CLOUD

K. NA

L. 95% OF MISSION IN CLOUD POSITION

M. BS SECURITY 290730Z FOR SHIPMENT TO

N. SUCCESSFUL MISSION

END OF MSG

SYMBOL

PAGE
NRNR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

DD FORM 173-1
MAY 55

JOIN. Sanitized Copy Approved for Release 2009/12/14 : CIA-RDP69B00041R001100030015-8

FROM:

23 OCT 67 12 52z

ACTION: PRIORITY

FROM:

TO:

INFO:

1 SIG CEN

1 CMDR

1 DCM

1 INS

1 DCO

SUBJ:

A. MISSION NBR 6733

B. FINAL EVALUATION OF INS DATA

C. INS 010

D. DATA STARTS LINE 12, TIME 02086.

E. DATA ENDS LINE 1103, TIME 16580.

END OF MESSAGE

29 OCT, 1967

PAGE
NRNR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

1

1

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24 HOUR GENERATION CHECKLIST (CONT) MISSION NUMBER:

H-HOUR

PRI

SEC

ITEM	TASKS REQUIRED	H-HOUR START	H-HOUR COMP	ACTUAL TIME COM	TIME COM		C/ CALLED	
					PRI	SEC	PRI	SEC
30	ENGINE START		H-00:30	1040				
25X1			H-00:20	1055				
32	RECOVERY GEAR IN PLACE		H+1	1210	1410	—		
	POST MISSION LANDING CHECKLIST	L-HOUR	L-HOUR					
1	LAND AND COOL AIRCRAFT	L+00:00	L+00:30					
2	SECURE ACFT AND SERVICE ENG OIL	L+00:30	L+01:15					
3	REMOVE SCDA TAPE AND GIVE TO L1	L+00:30	L+01:15					
4	REMOVE VIB/FINDER FILM STRIP AND MAPS	L+00:30	L+01:15					
5	REMOVE BLUE DOG TAPE	L+00:30	L+01:15					
6	MAINTENANCE DEBRIEF	L+00:45	L+01:15			—		
7	REMOVE INSTRUMENTATION PACKAGE	L+01:00	L+01:15					
8	MOVE ARTICLE INTO HANGAR	L+01:15	L+01:30					
9	DOWNLOAD PACKAGE	L+01:30	L+02:30			—		
25X1	SCDA DATA TO DCOM (FOR		L+03:30					
11	SIP DATA TO DCO		L+04:15					
12	"TAKE" TO SUPPLY		L+05:00			—		
13	PACKAGE SUBMIT REAR 117		L+05:00			—		
14	BD II TAPE TO SECURITY		L+05:00					
15	INS/SCDA TAB RUN TO SECURITY		L+05:00					
16	SCDA TAPE TO SECURITY		L+09:00					
25X1	INS SUBMIT		L+20:00					

JOINT MESSAGEFORM - CONTINUATION SHEET

TOP SECRET

FROM:

28 OCT 73 582

IMMEDIATE

IMMEDIATE

TO:

OXCAR/BLACKSHIELD/MATERIEL

1 SIG CEN

1 CDR

1 DGM

1 CP

1 POL

A. SPECIAL FUEL TEST REPORT (2 1/2 HOUR PRE-FLIGHT) BX 6733

B. 099 0550L/29 SPARE

094 0600L/29 SPARE

086 0610L/29

084 0615L/29

089 0625L/29

512 0635L/29

112 0820L/29

C. FUEL TESTED IN PARA B QUAL IAW SECTION VII TEST CRITERIA

END OF MESSAGE

DGM COORD 100

DRAFTER

MISSION COORDINATOR

SYMBOL

PAGE
NRINR OF
PAGES

SECURITY CLASSIFICATION

TOP SECRET

INITIALS

JOINT MESSAGEFORM - CONTINUATION SHEET

TOP SECRET
IMMEDIATE

FROM:

IMMEDIATE

TO:

9005

1 SIG CEN
1 QMOR
1 DCM
1 OP
1 POL

OXCAR/BLACKSHIELD/MATERIEL

A. SPECIAL FUEL TEST REPORT (POST REFUEL) BX 6735

B. 086 1940L/28

089 2010L/28

512 2025L/28

084 2220L/28

094 2230L/28 SPARE

112 2310L/28

099 2330L/28 SPARE

C. FUEL TESTED IN PARA B QUAL IAW SECTION VII TEST CRITERIA

END OF MESSAGE

28 OCT 67 14 36Z

DCM COORD *[Signature]*DRAFTER
RELEASER

MISSION COORDINATOR

SYMBOL

PAGE
NRNR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

TOP SECRET

DD FORM 1 MAY 55 173-1

TOP SECRET

FROM: Mission Coordinator

29 OCT 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on N/A 1967 at

— L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6233
2. Date/Time of Launch (H-Hour): 29 10210 Z/ 1110 L.
3. Ground Spare (H+1:00): 29 10310 Z/ 1210 L.
4. Bases: Takeoff KAD Staging — Landing KAD
5. Equipment required: TYPE I CAMERA, B.W. PIN PEG,
MAD MOTH, BLUE DOG II, SYSTEM VI
6. Ground Spare Requirements: SAME AS PRIMARY.

7. Special Instructions/Comments: THERE WILL BE NO CMDR'S
BRIEFING. IF YOU HAVE ANY COMMENTS OR PROBLEMS
PLEASE SUBMIT THEM TO MSN COORD. IN WRITING.
FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FLT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTFC(SAC)	_____	(Notify Only)

TOP SECRET

TETHZCZC122

777/272325Z ZFF-1

BT

XXXXX

25X1 652

2000 00 072

MM *RA*
BD *RA*
PP *RA*
SVS VI *RA*
SCP *RA*

WEB

25X1 TOP SECRET 272307Z CITE 2743

25X1 IMMEDIATE

25X1

- A. BX 6733
- B. EWS SETTINGS MESSAGE
- C. EWS EQUIPMENT TO BE INSTALLED: PIN PEG, MAD MOTH, BLUE DOG II.
- D. MODE OF MAD MOTH TURN ON: MAD MOTH ONLY (MODE 5)
- E. (1) PIN PEG PARAMETERS:

(A) RF - ACCEPT THE FOLLOWING:

(S BAND) 2540 TO 3065

(C BAND) 4910 TO 5090

(2) PULSE WIDTH - ACCEPT THE FOLLOWING:

PULSE WIDTHS .2 TO 1.2 MICROSECONDS.

(C) PRF - ACCEPT THE FOLLOWING:

AT "S" BAND PRFS FROM 2352 TO 2530 PULSES PER SECOND.

AT "C" BAND PRFS FROM 1740 TO 2070 PULSES PER SECOND.

D) SCAN RATE - ACCEPT THE FOLLOWING

"S" BAND - SCAN RATES FROM 13.5 TO 18.5 SCANS PER SECONDS

"C" BAND - NO SCAN SORTING

THE SCAN RATE BYPASS CIRCUIT IS NOT TO BE USED. (CONSTANT

TRACK SIGNALS AT "S" BAND SHOULD NOT ACTIVATE PIN PEG.)

(2) MAD MOTH PARAMETERS:

(A) MODULATION TECHNIQUES TO BE USED:

ANGLE WALK OFF (AWO)

RANDOM BLANKING TECHNIQUE (RET) (*No Logic*)

AMPLITUDE MODULATION TECHNIQUE (AMT)

(3) BLUE DOG PARAMETERS:

(A) RECEIVER SET TO MAXIMUM SENSITIVITY

(B) ACTIVE REPLY TO QUALIFIED SIGNALS

F. SIP CHANNEL THRESHOLD SETTING:

CHANNEL	SETTING
0-L	MINIMUM SENSITIVITY
0-R	MINIMUM SENSITIVITY
1-L	MINIMUM SENSITIVITY
1-R	MINIMUM SENSITIVITY
2-L	MINIMUM SENSITIVITY
2-R	MINIMUM SENSITIVITY
3-L	MINIMUM SENSITIVITY
3-R	MINIMUM SENSITIVITY
4-L	MINIMUM SENSITIVITY
4-R	MINIMUM SENSITIVITY
5-L	MINIMUM SENSITIVITY
5-R	(-) 30 DBM
6-L	MINIMUM SENSITIVITY
6-R	(-) 35 DBM
7-L	(-) 36 DBM
7-R	(-) 29 DBM
8-L	(-) 29 DBM
8-R	(-) 29 DBM
9-L	(-) 27 DBM
9-R	(-) 27 DBM
10-L	(-) 30 DBM
10-R	(-) 30 DBM

MINIMUM SENSITIVITY MEANS MAXIMUM THRESHOLD SETTING (AS MUCH ATTENUATION AS POSSIBLE.)

G. SYSTEM VI OR SIP ON AND OFF POINTS ARE AS FOLLOWS:

(1) SYSTEM VI OR SIP ON, ROUTE LINE SEGMENT NUMBER (RLSG)

PC01/000.

(2) SYSTEM VI OR SIP OFF, ROUTE LINE SEGMENT NUMBER (RLSG)

101/000.

H. REMARKS: EWS ON AND OFF TIMES ARE AS FOLLOWS:

(1) EWS ON WHEN PASSING 50 M ON CLIMB OUT FROM ALL AERIAL

REFUELINGS.

(2) FIRST EWS OFF POINT, ROUTE LINE SEGMENT NUMBER (RLSG)

PC01/000. SECOND EWS OFF POINT, ROUTE LINE SEGMENT NUMBER

RLSG) 001/000.

(3) THE PIN PEG PARAMETERS AND THE MAD MOTH MODULATION TECHNIQUES

ARE SELECTED TO INCLUDE THE THREAT. EQUIPMENT AND ADJUSTMENTS SUCH

AS RF FILTERS, PRF GATES ETC SHOULD BE CHOSEN IN THE BEST MANNER

TO INCLUDE THE MENTIONED PARAMETERS.

(4) SYSTEM VI WILL REPLACE SIP ON BOTH THE PRIMARY AND SECONDARY

ARTICLES. (IF SYSTEM VI IS OPERATIONAL). SIP SETTINGS LISTED ABOVE

DO NOT APPLY WHEN USING SYSTEM VI.

TOP SECRET

BT

Dem

272000Z 21 222

ZCZC096

740/272118Z ZFF-2

BT

XXXX

25X1

415

25X1 TOP SECRET 272181Z CITE 2727

25X1 IMMEDIATE

25X1

FOR CABLE - EYES ONLY COMMANDER

A. BX6733

B. MISSION ALERT MSG

25X1

E. NORTH VIETNA

F. TYPE I, CAMERA, BIRDWATCHER, PIN PEG, MAD MOIN, BLUE DOG II, SYSTEM VI.

G. BACK-UP AIRCRAFT REQUIRED. SAME EQUIPMENT AS PARA F.

H. DTFC TO LAUNCH BACK-UP ACFT AT APPROX 0312Z/29 OCT 67

IN EVENT PRIMARY ACFT GROUND/AIR ABORTS. THIS ALERT FOR BLACK SHIELD CUSTOM ROUTE PLANNED FOR BX6730 AS PRIMARY ROUTE. OPTION ROUTE WILL BE BLACK SHIELD CANNED ROUTE

NUMBER 22B. FIRST PASS FOR OPTION MISSION WILL BE ROUTE ONE

ALFA; SECOND PASS FOR OPTION MISSION WILL BE ROUTE TWO

BRAVE. A-50 ADDITIVE WILL NOT BE USED ON THIS MISSION.

ROUTE DECISION WILL BE PROVIDED DTFC APPROX 1300Z/28 OCT 67.

GREY START INFORMATION/COORDINATION TO BE SUBMITTED AGAINST PRIMARY ROUTE: I.E/CUSTOM BX6730.

TOP SECRET